

AUG. 21. 2003 8:53AM

CORPLAW 512 996 6853

NO. 689

#7A/8-26-03  
u Jene  
**FAX RECEIVED**

AUG 21 2003

GROUP 2100

**OFFICIAL**

UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S) Charles E. Polk, Jr. GROUP ART UNIT: 2133  
APPLN. NO.: 09/398,707 EXAMINER: Mujtaba M. Chaudry  
FILED: September 20, 1999  
TITLE: A DISCRETE MULTI-TONE (DMT) SYSTEM AND METHOD THAT  
COMMUNICATES A DATA PUMP DATA STREAM BETWEEN A  
GENERAL PURPOSE CPU AND A DSP VIA A BUFFERING  
SCHEME

Certificate of Transmission under 37 CFR 1.8

I hereby certify that this correspondence is being  
facsimile transmitted to the Patent and Trademark  
Office.

on

8/21/03

Elaine Cox  
Signature

Elaine Cox  
Printed Name of Person Signing Certificate

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Responsive to the Office Action dated April 23, 2003, Paper No. 5, and Examiner's  
comments with regard thereto, please enter the following amendments in the above-entitled  
application, without prejudice or disclaimer.

A Petition for Extension of Time to respond, with fee authorization, is submitted  
concurrently herewith.

If Applicant has overlooked any additional fees, or if any overpayment has been  
made, the Commissioner is hereby authorized to credit or debit Deposit Account 502117.

DOCKET NO. SC10900TS

FEE TRANSMITTAL		Complete If Known																																																																																																																																																																																																																																												
Patent fees are subject to annual revision		Application Number	09/398,707																																																																																																																																																																																																																																											
		Filing Date	September 20, 1999																																																																																																																																																																																																																																											
		First Named Inventor	Charles E. Polk, Jr.																																																																																																																																																																																																																																											
		Examiner Name	Mujtaba M. Chaudry																																																																																																																																																																																																																																											
		Group Art Unit	2133																																																																																																																																																																																																																																											
TOTAL AMOUNT OF PAYMENT		(\$ 110)																																																																																																																																																																																																																																												
METHOD OF PAYMENT		FEE CALCULATION (continued)																																																																																																																																																																																																																																												
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayment to: Deposit Account Number <u>502117</u> Deposit Account Name <u>Motorola, Inc.</u>  <input checked="" type="checkbox"/> Charge Any Additional Fee required under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>3. ADDITIONAL FEES</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Large Entity</th> <th>Small Entity</th> <th>Large Entity</th> <th>Small Entity</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>1051</td> <td>130</td> <td>2051</td> <td>65</td> <td>Surcharge - late filing fee or oath</td> </tr> <tr> <td>1052</td> <td>50</td> <td>2052</td> <td>25</td> <td>Surcharge - late Provisional filing</td> </tr> <tr> <td>1053</td> <td>130</td> <td>1053</td> <td>130</td> <td>Non-English specification</td> </tr> <tr> <td>1812</td> <td>2520</td> <td>1812</td> <td>2520</td> <td>For filing a request for ex parte Reexamination</td> </tr> <tr> <td>1804</td> <td>920*</td> <td>1804</td> <td>920*</td> <td>Requesting publication of SIF prior to Examiner action</td> </tr> <tr> <td>1805</td> <td>1840*</td> <td>1805</td> <td>1840*</td> <td>Requesting publication of SIF after Examiner action</td> </tr> <tr> <td>1251</td> <td>110</td> <td>2251</td> <td>55</td> <td>Extension for reply within first month</td> </tr> <tr> <td>1252</td> <td>410</td> <td>2252</td> <td>205</td> <td>Extension for reply within second month</td> </tr> <tr> <td>1253</td> <td>930</td> <td>2253</td> <td>465</td> <td>Extension for reply within third month</td> </tr> <tr> <td>1254</td> <td>1450</td> <td>2254</td> <td>725</td> <td>Extension for reply within fourth month</td> </tr> <tr> <td>1255</td> <td>1870</td> <td>2255</td> <td>885</td> <td>Extension for reply within fifth month</td> </tr> <tr> <td>1401</td> <td>320</td> <td>2401</td> <td>160</td> <td>Notice of Appeal</td> </tr> <tr> <td>1402</td> <td>320</td> <td>2402</td> <td>160</td> <td>Filing a brief in support of an appeal</td> </tr> <tr> <td>1403</td> <td>280</td> <td>2403</td> <td>140</td> <td>Request for oral hearing</td> </tr> <tr> <td>1451</td> <td>1510</td> <td>1451</td> <td>1510</td> <td>Petition to institute a public use proceeding</td> </tr> <tr> <td>1452</td> <td>110</td> <td>2452</td> <td>55</td> <td>Petition to revive - unavoidable</td> </tr> <tr> <td>1453</td> <td>1300</td> <td>2453</td> <td>650</td> <td>Petition to revive - unintentional</td> </tr> <tr> <td>1501</td> <td>1300</td> <td>2501</td> <td>650</td> <td>Utility issue fee (or reissue)</td> </tr> <tr> <td>1502</td> <td>470</td> <td>2502</td> <td>235</td> <td>Design issue fee</td> </tr> <tr> <td>1503</td> <td>630</td> <td>2503</td> <td>315</td> <td>Plant issue fee</td> </tr> <tr> <td>1460</td> <td>130</td> <td>1460</td> <td>130</td> <td>Petitions to the Commissioner</td> </tr> <tr> <td>1807</td> <td>50</td> <td>1807</td> <td>50</td> <td>Processing fee under 37 CFR 1.17(e)</td> </tr> <tr> <td>1808</td> <td>180</td> <td>1808</td> <td>180</td> <td>Submission of IDS</td> </tr> <tr> <td>8021</td> <td>40</td> <td>8021</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> </tr> <tr> <td>1809</td> <td>750</td> <td>2809</td> <td>375</td> <td>Filing a submission after final rejection (37 CFR § 1.128(a))</td> </tr> <tr> <td>1810</td> <td>750</td> <td>2810</td> <td>375</td> <td>For each additional invention to be examined (37 CFR § 1.129(b))</td> </tr> <tr> <td>1801</td> <td>750</td> <td>2801</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> </tr> <tr> <td>1802</td> <td>900</td> <td>1802</td> <td>900</td> <td>Request for expedited examination of a design application</td> </tr> <tr> <td colspan="5">Other fee (specify) _____</td> </tr> <tr> <td colspan="5" style="text-align: right;">           * Reduced by Basic Filing Fee paid    <b>SUBTOTAL (3)</b>    (\$ 110)         </td> </tr> <tr> <td colspan="2" style="text-align: center;">1. BASIC FILING FEE</td> <td colspan="2" style="text-align: center;">2. EXTRA CLAIM FEES</td> </tr> <tr> <td>Large Fee Code</td> <td>Entity Fee (\$)</td> <td>Small Fee Code</td> <td>Entity Fee (\$)</td> </tr> <tr> <td>1001</td> <td>750</td> <td>2001</td> <td>375</td> </tr> <tr> <td>1002</td> <td>330</td> <td>2002</td> <td>165</td> </tr> <tr> <td>1003</td> <td>520</td> <td>2003</td> <td>280</td> </tr> <tr> <td>1004</td> <td>750</td> <td>2004</td> <td>375</td> </tr> <tr> <td>1005</td> <td>180</td> <td>2005</td> <td>80</td> </tr> <tr> <td colspan="4" style="text-align: right;"> <b>SUBTOTAL (1)</b>    (\$) _____         </td> </tr> <tr> <td colspan="4">           Total Claims <u>20</u> = <u>20</u> X <u>18</u> = <u>360</u>            Independent Claims <u>3</u> = <u>3</u> X <u>84</u> = <u>252</u>            Multiple Dependent <u>280</u> = <u>280</u> </td> </tr> <tr> <td>Large Fee Code</td> <td>Entity Fee (\$)</td> <td>Small Fee Code</td> <td>Entity Fee (\$)</td> </tr> <tr> <td>1202</td> <td>18</td> <td>2202</td> <td>9</td> </tr> <tr> <td>1201</td> <td>84</td> <td>2201</td> <td>42</td> </tr> <tr> <td>1203</td> <td>280</td> <td>2203</td> <td>140</td> </tr> <tr> <td>1204</td> <td>84</td> <td>2204</td> <td>42</td> </tr> <tr> <td>1205</td> <td>18</td> <td>2205</td> <td>9</td> </tr> <tr> <td colspan="4" style="text-align: right;"> <b>SUBTOTAL (2)</b>    (\$) _____         </td> </tr> <tr> <td colspan="4">           **OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE.            *For Reissues, see above         </td> </tr> <tr> <td colspan="2" style="text-align: center;">SUBMITTED BY</td> <td colspan="2" style="text-align: center;">Complete (if applicable)</td> </tr> <tr> <td colspan="2">Name (Print/Type) <u>Daniel D. Hill</u></td> <td colspan="2">Registration No. <u>35,895</u> Telephone <u>(512) 896-8839</u></td> </tr> <tr> <td colspan="2">Signature <u>Daniel D. Hill</u></td> <td colspan="2">Date <u>8-21-03</u></td> </tr> </tbody> </table>		Large Entity	Small Entity	Large Entity	Small Entity	Fee Description	1051	130	2051	65	Surcharge - late filing fee or oath	1052	50	2052	25	Surcharge - late Provisional filing	1053	130	1053	130	Non-English specification	1812	2520	1812	2520	For filing a request for ex parte Reexamination	1804	920*	1804	920*	Requesting publication of SIF prior to Examiner action	1805	1840*	1805	1840*	Requesting publication of SIF after Examiner action	1251	110	2251	55	Extension for reply within first month	1252	410	2252	205	Extension for reply within second month	1253	930	2253	465	Extension for reply within third month	1254	1450	2254	725	Extension for reply within fourth month	1255	1870	2255	885	Extension for reply within fifth month	1401	320	2401	160	Notice of Appeal	1402	320	2402	160	Filing a brief in support of an appeal	1403	280	2403	140	Request for oral hearing	1451	1510	1451	1510	Petition to institute a public use proceeding	1452	110	2452	55	Petition to revive - unavoidable	1453	1300	2453	650	Petition to revive - unintentional	1501	1300	2501	650	Utility issue fee (or reissue)	1502	470	2502	235	Design issue fee	1503	630	2503	315	Plant issue fee	1460	130	1460	130	Petitions to the Commissioner	1807	50	1807	50	Processing fee under 37 CFR 1.17(e)	1808	180	1808	180	Submission of IDS	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.128(a))	1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))	1801	750	2801	375	Request for Continued Examination (RCE)	1802	900	1802	900	Request for expedited examination of a design application	Other fee (specify) _____					* Reduced by Basic Filing Fee paid <b>SUBTOTAL (3)</b> (\$ 110)					1. BASIC FILING FEE		2. EXTRA CLAIM FEES		Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	1001	750	2001	375	1002	330	2002	165	1003	520	2003	280	1004	750	2004	375	1005	180	2005	80	<b>SUBTOTAL (1)</b> (\$) _____				Total Claims <u>20</u> = <u>20</u> X <u>18</u> = <u>360</u> Independent Claims <u>3</u> = <u>3</u> X <u>84</u> = <u>252</u> Multiple Dependent <u>280</u> = <u>280</u>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	1202	18	2202	9	1201	84	2201	42	1203	280	2203	140	1204	84	2204	42	1205	18	2205	9	<b>SUBTOTAL (2)</b> (\$) _____				**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE. *For Reissues, see above				SUBMITTED BY		Complete (if applicable)		Name (Print/Type) <u>Daniel D. Hill</u>		Registration No. <u>35,895</u> Telephone <u>(512) 896-8839</u>		Signature <u>Daniel D. Hill</u>		Date <u>8-21-03</u>	
Large Entity	Small Entity	Large Entity	Small Entity	Fee Description																																																																																																																																																																																																																																										
1051	130	2051	65	Surcharge - late filing fee or oath																																																																																																																																																																																																																																										
1052	50	2052	25	Surcharge - late Provisional filing																																																																																																																																																																																																																																										
1053	130	1053	130	Non-English specification																																																																																																																																																																																																																																										
1812	2520	1812	2520	For filing a request for ex parte Reexamination																																																																																																																																																																																																																																										
1804	920*	1804	920*	Requesting publication of SIF prior to Examiner action																																																																																																																																																																																																																																										
1805	1840*	1805	1840*	Requesting publication of SIF after Examiner action																																																																																																																																																																																																																																										
1251	110	2251	55	Extension for reply within first month																																																																																																																																																																																																																																										
1252	410	2252	205	Extension for reply within second month																																																																																																																																																																																																																																										
1253	930	2253	465	Extension for reply within third month																																																																																																																																																																																																																																										
1254	1450	2254	725	Extension for reply within fourth month																																																																																																																																																																																																																																										
1255	1870	2255	885	Extension for reply within fifth month																																																																																																																																																																																																																																										
1401	320	2401	160	Notice of Appeal																																																																																																																																																																																																																																										
1402	320	2402	160	Filing a brief in support of an appeal																																																																																																																																																																																																																																										
1403	280	2403	140	Request for oral hearing																																																																																																																																																																																																																																										
1451	1510	1451	1510	Petition to institute a public use proceeding																																																																																																																																																																																																																																										
1452	110	2452	55	Petition to revive - unavoidable																																																																																																																																																																																																																																										
1453	1300	2453	650	Petition to revive - unintentional																																																																																																																																																																																																																																										
1501	1300	2501	650	Utility issue fee (or reissue)																																																																																																																																																																																																																																										
1502	470	2502	235	Design issue fee																																																																																																																																																																																																																																										
1503	630	2503	315	Plant issue fee																																																																																																																																																																																																																																										
1460	130	1460	130	Petitions to the Commissioner																																																																																																																																																																																																																																										
1807	50	1807	50	Processing fee under 37 CFR 1.17(e)																																																																																																																																																																																																																																										
1808	180	1808	180	Submission of IDS																																																																																																																																																																																																																																										
8021	40	8021	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																																																																										
1809	750	2809	375	Filing a submission after final rejection (37 CFR § 1.128(a))																																																																																																																																																																																																																																										
1810	750	2810	375	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																																																																										
1801	750	2801	375	Request for Continued Examination (RCE)																																																																																																																																																																																																																																										
1802	900	1802	900	Request for expedited examination of a design application																																																																																																																																																																																																																																										
Other fee (specify) _____																																																																																																																																																																																																																																														
* Reduced by Basic Filing Fee paid <b>SUBTOTAL (3)</b> (\$ 110)																																																																																																																																																																																																																																														
1. BASIC FILING FEE		2. EXTRA CLAIM FEES																																																																																																																																																																																																																																												
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)																																																																																																																																																																																																																																											
1001	750	2001	375																																																																																																																																																																																																																																											
1002	330	2002	165																																																																																																																																																																																																																																											
1003	520	2003	280																																																																																																																																																																																																																																											
1004	750	2004	375																																																																																																																																																																																																																																											
1005	180	2005	80																																																																																																																																																																																																																																											
<b>SUBTOTAL (1)</b> (\$) _____																																																																																																																																																																																																																																														
Total Claims <u>20</u> = <u>20</u> X <u>18</u> = <u>360</u> Independent Claims <u>3</u> = <u>3</u> X <u>84</u> = <u>252</u> Multiple Dependent <u>280</u> = <u>280</u>																																																																																																																																																																																																																																														
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)																																																																																																																																																																																																																																											
1202	18	2202	9																																																																																																																																																																																																																																											
1201	84	2201	42																																																																																																																																																																																																																																											
1203	280	2203	140																																																																																																																																																																																																																																											
1204	84	2204	42																																																																																																																																																																																																																																											
1205	18	2205	9																																																																																																																																																																																																																																											
<b>SUBTOTAL (2)</b> (\$) _____																																																																																																																																																																																																																																														
**OR NUMBER PREVIOUSLY PAID, IF GREATER THAN STANDARD ALLOWANCE. *For Reissues, see above																																																																																																																																																																																																																																														
SUBMITTED BY		Complete (if applicable)																																																																																																																																																																																																																																												
Name (Print/Type) <u>Daniel D. Hill</u>		Registration No. <u>35,895</u> Telephone <u>(512) 896-8839</u>																																																																																																																																																																																																																																												
Signature <u>Daniel D. Hill</u>		Date <u>8-21-03</u>																																																																																																																																																																																																																																												

DOCKET NO. SC10900TS

**MOTOROLA**  
**FAX TRANSMITTAL SHEET**

Motorola, Inc.  
Law Department  
7700 W. Parmer Lane  
MD: TX32/PL02  
Austin, TX 78729  
Telephone: (512) 996-6839  
Facsimile: (512) 996-6854

**12** Number of Pages (including this page)

Date: August 21, 2003  
To: Mujtaba M. Chaudry - 2133  
Location: United States Patent and Trademark Office  
Fax No.: (703) 746-7239  
From: Daniel D. Hill - 35,895  
Subject: 09/398,707- Charles E. Polk, Jr.

**OFFICIAL****FAX RECEIVED**

AUG 21 2003

**GROUP 2100**

**NOTICE:** This facsimile transmission may contain information that is confidential, privileged, or exempt from disclosure under applicable law. It is intended only for the person to whom it is addressed. Unauthorized use, disclosure, copying or distribution may expose you to legal liability. If you have received this transmission in error, please immediately notify us by telephone (collect) to arrange for return of the documents received and any copies made. Thank you.

**MESSAGE:**

Enclosed herewith, please find a FORMAL AMENDMENT for filing in the below-identified application. If Applicant has overlooked any fees, or if any overpayment has been made, the Commissioner is hereby authorized to credit or debit Deposit 502117.

**ALL ITEMS MARKED WITH AN "X" ARE INCLUDED:**

1.	X	1 page Facsimile Cover Sheet
2.	X	7 page Amendment
3.	X	1 page Fee Transmittal (in duplicate)
4.	X	1 page Petition for Extension of Time (in duplicate)

08/26/2003 VJONES2 00000001 502117 09/398,707  
Paid by Deposit Account: 502117 \$110

01 FC:1251 110.00 DR

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING FACSIMILE TRANSMITTED TO THE PATENT AND TRADEMARK OFFICE:

ON: 8/21/03  
Date

Elaine Cox  
Signature

**PLEASE GIVE THESE PAPERS TO:**

EXAMINER: Mujtaba M. Chaudry  
GROUP ART UNIT: 2133  
SERIAL NO.: 09/398,707  
FILED: SEPTEMBER 20, 1999  
INVENTOR: CHARLES E. POLK, JR.